

telephone 110a and a second telephone 110b. Telephone subsystem 106 may also facilitate communication between a telephone 110 and a mobile station 108 by communicating with packet subsystem 104 over interfaces 114 and/or 116. Telephone subsystem 106 may comprise any suitable hardware, software, firmware, or combination thereof operable to facilitate communication between telephone 110 and mobile station 108. Telephone subsystem 106 may, for example, comprise a private branch exchange (PBX), a Key System, a central office switch, a wireless telephone switch, a packet-based soft switch, or any other suitable circuit-switched and/or packet-switched system.

In the illustrated embodiment, telephone subsystem 106 includes at least one processor 118 operable to execute instructions stored in a memory 120, and packet subsystem 104 includes at least one processor 124 operable to execute instructions stored in a memory 126. In a particular embodiment, processor 118 may be operable to execute a CTI server software program to support CTI interface 116, and processor 124 may be operable to execute a corresponding CTI client software package to support CTI interface 116. The CTI software may, for example, implement the European Computer Manufacturers Association (ECMA) standards ECMA-179 and ECMA-180 for Computer Supported Telecommunications Applications (CSTA). In a particular embodiment, processors 118 and 124 execute the CT CONNECT software package. Processors 118 and 124 may use the CTI interface, for example, to activate and deactivate call forwarding feature 112 or otherwise control telephone subsystem 106.

Mobile station 108 communicates with wireless subsystem 102 over a wireless interface. Mobile station 108 may comprise any suitable wireless device operable to communicate with and roam within wireless subsystem 102. Mobile station 108 may, for example, comprise a mobile telephone or a computer coupled to a wireless modem or radio unit. In one embodiment, mobile station 108 may register with wireless subsystem 102 using the method described in U.S. Application Serial No. 09-782100, entitled "Method and System for Selecting a Preferred Cell in a Wireless Communication System." Mobile station 108 may also comprise a dual mode mobile station operable to communicate with wireless subsystem 102 using a first protocol and with a public network using a second protocol. In a particular embodiment, mobile station 108 comprises a dual mode GSM/IS-136 mobile

|| CHANGE

AP  
9-30-05